

P24717.P01 **UTILITY
PATENT APPLICATION
TRANSMITTAL**

for new nonprovisional applications under 37 CFR 1.53(b)

1321

US PTO

Attorney Docket No.

P24717

Total Pages

Inventor(s) or Application Identifier:

Dr. Bernd BRENNER, Dr. Bernd WINDERLICH, Dr. Jens STANDFUSS, Dr. Jörg SCHUMACHER, Hartmut BRENNER, and Walter ZINK

Title: **LIGHTWEIGHT STRUCTURAL COMPONENT IN PARTICULAR
FOR AIRCRAFT AND METHOD FOR ITS PRODUCTION**

ADDRESS TO:

Commissioner for Patents
Mail Stop Patent Application
PO Box 1450
Alexandria, VA 22313-1450

22387 10/757419

011504

APPLICATION ELEMENTS

ACCOMPANYING APPLICATION PARTS

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
 - a. Small Entity Statement(s)
3. Specification [Total Pages 67]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 USC 113) [Total Sheets 14]
5. Oath or Declaration [Total Pages 4]
 - a. Newly executed (original or copy) Unexecuted
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 20 completed)
[Note Box 6 below]
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. Incorporation By Reference (useable if Box 5b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
7. Application Data Sheet. See 37 CFR 1.76
8. CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)

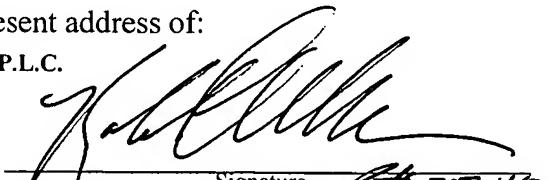
9. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies
10. Assignment Papers (cover sheet & document(s))
11. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
12. English Translation Document (if applicable)
13. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
14. Preliminary Amendment
15. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
16. Figure of Drawing to be published: 2
17. Foreign priority claimed
 - a. Claim of Priority
 - b. Certified Copy of Priority Document(s)
18. Nonpublication Request under 35 U.S.C. 122 (b) (2) (B) (i).
Applicant must attach form PTO/SB/35 or its equivalent.
19. Assignee: Fraunhofer-Gesellschaft zur Förderung der angewandten
Forschung e.V., of München Germany
20. Other: Cover Letter Under 37 C.F.R. 1.53(b) and 1.53(f)

21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 C.F.R. 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior Application No. / , filed .
Prior application information: Examiner: Group Art Unit:

Address all future correspondence to **Customer No. 7055** at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191


Signature 5835-043
Neil F. Greenblum, Reg. No. 28,394
Typed or Printed Name

January 15, 2004


FEE TRANSMITTAL
TOTAL AMOUNT OF PAYMENT (\$2,984.00)

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Dr. Berndt BRENNER et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

Attorney Docket Number P24717

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. The U.S Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:

 Deposit Account Number 19-0089

 Deposit Account Name GREENBLUM & BERNSTEIN, P.L.C.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)) Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2. Payment Enclosed:
 Check Credit Card Money Order Other

FEE CALCULATION (fees effective 10/01/03)

1. FILING FEE

Large Entity Fee Code (\$)	Entity Fee	Small Entity Fee Code (\$)	Entity Fee	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	<u>770.00</u>
1002	340	2002	170	Design filing fee	<u></u>
1003	530	2003	265	Plant filing fee	<u></u>
1004	770	2004	385	Reissue filing fee	<u></u>
1005	160	2005	80	Provisional filing fee	<u></u>

SUBTOTAL (1) (\$) 770.00
2. CLAIMS

Total Claims	Extra 143 -20=	Fee from below 123 x 18 =	Fee Paid 2,214.00
Independent 3	-3=	0 x 86 =	0.00
Claims			
Multiple Dependent Claims	0	x 290 =	0.00

Large Entity Fee Code (\$) **Entity Fee** **Small Entity Fee Code (\$)** **Entity Fee** **Fee Description**

1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim
1204	86	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 2,214.00
3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Entity Fee	Small Entity Fee Code (\$)	Entity Fee	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	<u></u>
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	<u></u>
1053	130	1053	130	Non-English specification	<u></u>
1812	2,520	1812	2,520	For filing a request for reexamination	<u></u>
1804	920*	1804	920*	Requesting publication of SIR	<u></u>
1805	1,840*	1805	1,840*	Prior to Examiner action	<u></u>
1251	110	2251	55	Requesting publication of SIR after Examiner action	<u></u>
1252	420	2252	210	Extension for response within 1st month	<u></u>
1253	950	2253	475	Extension for response within 2nd month	<u></u>
1254	1,480	2254	740	Extension for response within 3rd month	<u></u>
1255	2,010	2255	1,005	Extension for response within 4th month	<u></u>
1401	330	2401	165	Extension for response within 5th month	<u></u>
1402	330	2402	165	Notice of Appeal	<u></u>
1403	290	2403	145	Filing a brief in support of an appeal	<u></u>
1451	1,510	1451	1,510	Request for oral hearing	<u></u>
1452	110	2452	55	Petition to institute a public use proceeding	<u></u>
1453	1,330	2453	665	Petition to revive unavoidably abandoned application	<u></u>
1501	1,330	2501	665	Petition to revive unintentionally abandoned application	<u></u>
1502	480	2502	240	Utility issue fee (or reissue)	<u></u>
1503	640	2503	320	Design issue fee	<u></u>
1460	130	1460	130	Plant issue fee	<u></u>
1807	50	1807	50	Petitions to the Commissioner	<u></u>
1806	180	1806	180	Petitions related to provisional applications	<u></u>
8021	40	8021	40	Submission of IDS	<u></u>
1809	770	2809	385	Recording each patent assignment per property (times number of properties)	<u></u>
1810	770	2810	385	Filing a submission after final rejection (37 CFR 1.129(a))	<u></u>
1801	770	2801	385	For each additional invention to be examined (37 CFR 1.129(b))	<u></u>
1802	900	1802	900	Request for Continued Examination (RCE)	<u></u>
				Request for expedited examination of a design application	<u></u>

 Other fee (specify) _____
 Other fee (specify) _____
SUBTOTAL (3) (\$) 0.00

*Reduced by Basic Filing Fee paid

SUBMITTED BY
Complete (if applicable)

Typed or Printed Name

Neil P. Greenblum

Reg. Number

28,394

Signature

Date

01/15/04

Deposit Account User ID

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dr. Berndt BRENNER et al.

Serial No : Not Yet Assigned

Filed : Concurrently Herewith

For : LIGHTWEIGHT STRUCTURAL COMPONENT IN PARTICULAR FOR
AIRCRAFT AND METHOD FOR ITS PRODUCTION

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION
FILED UNDER 37 C.F.R. 1.53(b) and 1.53(f)**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b) and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

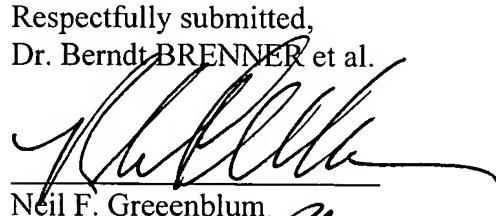
Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191

The above-identified application includes:

- 67 pages of specification with abstract.
- 14 sheets of drawings with 17 figures.
- 143 total claims and 3 independent.
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Dr. Berndt BRENNER et al.

Neil F. Greenblum
Reg. No. 28,394 

January 15, 2004
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191